

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	399	407/13,19,18.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 20:02
L2	219	409/259,287.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 20:03
L3	399	407/13,19,18.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 20:03
L4	0	(broach and teeth and row and first and second and bottom and curv\$3 and plane).clm.	US-PGPUB; USPAT	OR	ON	2007/09/27 20:37
S1	394	407/13,19,18.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 20:02
S2	209	409/259,287.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 20:03
S3	2	("5865569").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/24 15:22
S4	11	("2683919"   "2898670"   "2986801"   "3217383"   "3231962"   "3795958").PN. OR ("5865569").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:45
S5	2	S3 and cut\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/24 15:23
S6	0	S3 and cut\$4 adj abil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/24 15:47

## EAST Search History

S7	0	S3 and guide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/24 15:48
S8	2	S3 and edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/24 16:43
S9	0	S3 and side	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/24 16:43
S10	2	("2683919").URPN.	USPAT	OR	ON	2005/01/25 10:19
S11	4	("2683919").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 10:20
S12	2	("2683919").URPN.	USPAT	OR	ON	2005/01/25 10:47
S19	1	S11 and deform\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 11:45
S24	1	S11 and unreli\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 11:59
S25	3	("2986801").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 11:59
S26	2	("5865569").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 12:00
S27	2	("4274767").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 12:00

## EAST Search History

S28	2	("20020015622").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 12:01
S29	8	("1160040").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 12:02
S30	1	("63185515").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 15:09
S31	394	407/13,19,18.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 15:10
S32	31	S31 and side same grind\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/29 14:59
S33	31	S31 and broach\$3 and side same grind\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 15:27
S34	36	S31 and reliev\$3 same side	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 15:36
S35	35	S31 and reliev\$3 same side	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 17:41
S36	5	S31 and reliev\$3 same side adj surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 16:08
S37	3	("3217383").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 16:07

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S38	1	S37 and relieve\$3 same side adj surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 16:08
S39	4	("3439398").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 16:11
S40	3	("2906004").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 16:36
S41	46	S31 and relieve\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 16:35
S42	46	S31 and relieve\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 16:35
S43	1	S40 and relieve\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 16:36
S44	0	S40 and figure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 16:36
S45	1	S40 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 16:37
S46	0	S40 and relieve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 16:37
S47	1	S40 and relieve\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 16:37

## EAST Search History

S48	5	("2276385").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 17:41
S49	0	S48 and pitch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 17:49
S50	394	407/13,19,18.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/27 20:03
S51	18	S50 and twist	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 18:31
S52	4	("2683919").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/25 18:27
S55	0	S51 and spline\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/25 18:32
S56	1	S52 and spline\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/26 12:34
S57	4	"5865569"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/01/26 12:34
S58	0	("2004/0109731").URPN.	USPAT	OR	ON	2005/01/26 13:57
S59	2	("2683919").URPN.	USPAT	OR	ON	2005/01/26 13:57
S60	0	("1880656").URPN.	USPAT	OR	ON	2005/01/26 13:57
S61	3	("6918716").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/29 14:59

## EAST Search History

S62	9	("1713390"   "2683919"   "2898670"   "5503506"   "5865569"   "6409442").PN. OR ("6918716").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/29 15:03
S63	2	("5865569").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/29 15:04
S64	13	("2683919"   "2898670"   "2986801"   "3217383"   "3231962"   "3795958").PN. OR ("5865569").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/29 15:09
S65	2	("5865569").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/29 15:20
S66	13	("2683919"   "2898670"   "2986801"   "3217383"   "3231962"   "3795958").PN. OR ("5865569").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/29 15:24
S67	2	("4274767").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/29 15:27
S68	2	("20020015622").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/29 15:27
S69	397	407/13,19,18.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/29 15:43
S70	30	S69 and (tooth or teeth) and (side or flank) with guid\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/29 15:55
S71	4	("3276100").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/29 15:56
S72	1	("3276100").URPN.	USPAT	OR	ON	2005/10/29 15:57

## EAST Search History

S73	65	S69 and internal\$3 with broach\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/29 15:59
S74	38	S73 and guide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/29 15:59
S75	29	S73 and (side or flank) same guide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/29 15:59
S76	3285	broach\$3 and (teeth or tooth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/14 18:43
S77	85	broach\$3 and ((teeth or tooth) with (right adj angle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/14 18:44
S78	3	("2986801").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/14 18:44
S79	2	("20040109731").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/31 13:35
S80	2	("20040109731").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/07 17:05
S81	10	("1875033"   "2055349"   "3799030"). PN. OR ("4266894").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/10 23:01
S82	398	407/13,19,18.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 12:03
S83	2	("2697271").URPN.	USPAT	OR	ON	2007/03/30 12:04

## EAST Search History

S84	2	("2697271").URPN.	USPAT	OR	ON	2007/03/30 12:04
S85	4	("2683919").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/30 12:05